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OM protein - protein search, using sw model

Run on: March 28, 2003, 12:09:01 ; Search time 4.1316 Seconds  
(without alignments)  
1463.971 Million cell updates/sec

Title: US-09-924-946-3

Perfect score: 574

Sequence: 1 LRLVGPESKPEGRLEVLHQ.....NGWGVSDCHSHSDVGVICH 103

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 237916 seqs, 58723674 residues

Total number of hits satisfying chosen parameters: 237916

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:

- 1: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pdb.\*
- 2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pdb.\*
- 3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pdb.\*
- 4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pdb.\*
- 5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pdb.\*
- 6: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pdb.\*
- 7: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pdb.\*
- 8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pdb.\*
- 9: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pdb.\*
- 10: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pdb.\*
- 11: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pdb.\*
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- 13: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pdb.\*
- 14: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pdb.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query Match	Length	DB ID	Description
1	574	100.0	103	US-09-924-946-3
2	574	100.0	170	US-10-067-422-14
3	574	100.0	573	US-10-067-422-10
4	574	100.0	756	US-09-870-110-2
5	574	100.0	756	US-09-924-946-2
6	530	92.3	757	US-09-823-038A-52
7	365	63.6	774	US-09-974-298-122
8	365	63.6	774	US-09-782-980-16
9	365	63.6	774	US-09-909-743-7
10	353	61.5	641	US-09-948-820-51
11	351	61.1	608	US-09-835-996A-31
12	351	61.1	732	US-09-835-996A-13
13	351	61.1	753	US-09-782-980-11
14	351	61.1	753	US-09-835-996A-29
15	351	61.1	753	US-09-909-743-2
16	351	61.1	754	US-09-782-980-17
17	351	61.1	754	US-09-909-743-8
18	351	61.1	769	US-09-835-996A-39
19	304.5	53.0	458	US-09-782-980-126

ALIGNMENTS

RESULT 1

US-09-924-946-3  
; Sequence 3, Application US/09924946  
; Patent No. US20020102645A1  
; GENERAL INFORMATION:  
; APPLICANT: American Home Products Corporation  
; APPLICANT: Evans, Mark  
; APPLICANT: Scicchitano, Marshall  
; APPLICANT: Bapat, Ashok  
; APPLICANT: Beer, Eric  
; APPLICANT: Bhat, Ramesh  
; APPLICANT: Ferris, Elissa  
; APPLICANT: Mastroeni, Rob  
; APPLICANT: Zhang, Jianxiong  
; APPLICANT: Karathanasis, Sotirios K.  
; TITLE OF INVENTION: A No. US20020102645A1e1 Member of the Lysyl Oxidase Gene Family  
; FILE REFERENCE: 0630/13703-US2  
; CURRENT APPLICATION NUMBER: US/09/924,946  
; PRIOR FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: 60/223,763  
; PRIOR FILING DATE: 2000-08-08  
; PRIOR APPLICATION NUMBER: 60/255,838  
; PRIOR FILING DATE: 2000-12-15  
; NUMBER OF SEQ ID NOS: 11  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 3  
; LENGTH: 103  
; TYPE: PRT  
; ORGANISM: Human  
US-09-924-946-3

Query Match 100.0%; Score 574; DB 10; Length 103;

Best Local Similarity 100.0%; Pred No. 8.1e-56;

Matches 103; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LRLVGPESKPEGRLEVLHQGMGTVCDDNFATQEAATVACRQLGFEAALTWAHSKYGG 60

Db 1 LRLVGPESKPEGRLEVLHQGMGTVCDDNFATQEAATVACRQLGFEAALTWAHSKYGG 60

QY 61 EGPILNDVRCVGTSTSLDCCGSGNGWGVSDCHSHSDVGVICH 103

Db 61 EGPILNDVRCVGTSTSLDCCGSGNGWGVSDCHSHSDVGVICH 103

Wed Apr 2 09:14:03 2003

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-067-422-10

Query Match      100.0%; Score 574; DB 12; Length 573;
Best Local Similarity 100.0%; Pred. No. 5,7e-55; Indels 0; Gaps 0;
Matches 103; Conservative

QY 1 LRLVGPESKPEGRLEVLHOGQGTVCDDNFAIQEATVACRQLGFEAALTWAHSAKYGG 60
    |||||
Db 32 LRLVGPESKPEGRLEVLHOGQGTVCDDNFAIQEATVACRQLGFEAALTWAHSAKYGG 91
    |||||

QY 61 EGPIWLDNVRVCVTESLDOCGSGNGVSDCSHSEDDVGVICH 103
    |||||
Db 92 EGPIWLDNVRVCVTESLDOCGSGNGVSDCSHSEDDVGVICH 134
    |||||

RESULT 4
US-09-870-110-2
; Sequence 2, Application US/09870110
; Patent No. US20020068322A1
; GENERAL INFORMATION:
; APPLICANT: Rachel Meyers
; TITLE OF INVENTION: 47765, A No. US2002006832;A1el Human Lysyl Oxidase and
; TITLE OF INVENTION: Uses Thereof
; FILE REFERENCE: MNI-160
; CURRENT APPLICATION NUMBER: US/09/870,110
; CURRENT FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: 60/207,650
; PRIOR FILING DATE: 2000-05-26
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 756
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-870-110-2

Query Match      100.0%; Score 574; DB 10; Length 756;
Best Local Similarity 100.0%; Pred. No. 7,5e-55; Indels 0; Gaps 0;
Matches 103; Conservative

QY 1 LRLVGPESKPEGRLEVLHOGQGTVCDDNFAIQEATVACRQLGFEAALTWAHSAKYGG 60
    |||||
Db 32 LRLVGPESKPEGRLEVLHOGQGTVCDDNFAIQEATVACRQLGFEAALTWAHSAKYGG 91
    |||||

QY 61 EGPIWLDNVRVCVTESLDOCGSGNGVSDCSHSEDDVGVICH 103
    |||||
Db 92 EGPIWLDNVRVCVTESLDOCGSGNGVSDCSHSEDDVGVICH 134
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RESULT 5
US-09-924-946-2
; Sequence 2, Application US/09924946
; Patent No. US20020102645A1
; GENERAL INFORMATION:
; APPLICANT: American Home Products Corporation
; APPLICANT: Evans, Mark
; APPLICANT: Scicchitano, Marshall
; APPLICANT: Bapat, Ashok
; APPLICANT: Beer, Eric
; APPLICANT: Bhat, Ramesh
; APPLICANT: Ferris, Elissa
; APPLICANT: Mastroeni, Rob
; APPLICANT: Zhang, Jianxiong
; APPLICANT: Karathanasis, Sotirios K.
; TITLE OF INVENTION: A No. US20020102645A1el Member of the Lysyl Oxidase Gene Family
; FILE REFERENCE: 0630/1G703-US2
; CURRENT APPLICATION NUMBER: US/09/924,946
; CURRENT FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/223,763
; PRIOR FILING DATE: 2000-08-08
; PRIOR APPLICATION NUMBER: 60/255,838
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; PRIOR FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 756
; TYPE: PRT
; ORGANISM: Human
; US-09-924-946-2

Query Match      100.0%; Score 574; DB 10; Length 756;
Best Local Similarity 100.0%; Pred. No. 7.9e-55;
Matches 103; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 LRLVGPSPKPEGRLEVLHQGWGTVCCDNPFAIQEATVACRQLGFEEAALTWAHSKYGQ 60
Db 32 LRLVGPSPKPEGRLEVLHQGWGTVCCDNPFAIQEATVACRQLGFEEAALTWAHSKYGQ 91

Qy 61 EGPWLNDNVRVCVTGESSLDQCGSNGWGVSDCSHSEDVGVICH 103
Db 92 EGPWLNDNVRVCVTGESSLDQCGSNGWGVSDCSHSEDVGVICH 134

RESULT 6
US-09-823-038A-52
; Sequence 52, Application US/09823038A
; Patent No. US20020058335A1
; GENERAL INFORMATION:
; APPLICANT: Strachan, Lorna
; APPLICANT: Sleeman, Matthew
; APPLICANT: Abernethy, Nevin
; APPLICANT: Onrust, Rene
; APPLICANT: Kumble, Anand
; APPLICANT: Murison, Greg
; TITLE OF INVENTION: Compositions Isolated From Stromal Cells
; FILE REFERENCE: 11000.1037c3
; CURRENT APPLICATION NUMBER: US/09/823.038A
; CURRENT FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 757
; TYPE: PRT
; ORGANISM: Mouse
; US-09-823-038A-52

Query Match      92.3%; Score 530; DB 10; Length 757;
Best Local Similarity 87.4%; Pred. No. 5.2e-50;
Matches 90; Conservative 9; Mismatches 4; Indels 0; Gaps 0;

Qy 1 LRLVGPSPKPEGRLEVLHQGWGTVCCDNPFAIQEATVACRQLGFEEAALTWAHSKYGQ 60
Db 33 LRLVGPADRPKPEGRLEVLHQGWGTVCCDDFALQEATVACRQLGFESALTWAHSKYGQ 92

Qy 61 EGPWLNDNVRVCVTGESSLDQCGSNGWGVSDCSHSEDVGVICH 103
Db 93 EGPWLNDNVRCLGTEKTLQCGSNGWGISDCRSHSEDVGVWCHP 135

RESULT 7
US-09-974-298-122
; Sequence 122, Application US/09974298
; Patent No. US20020156263A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Hwei-Mei
; TITLE OF INVENTION: GENES EXPRESSED IN BREAST CANCER
; FILE REFERENCE: PA-0037 P
; CURRENT APPLICATION NUMBER: US/09/974.298
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/238,331
; PRIOR FILING DATE: 2000-05-10
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: PERL Program
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; SEQ ID NO 122
; LENGTH: 774
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20020156263A1 2161632CD1
; US-09-974-298-122

Query Match      63.6%; Score 365; DB 9; Length 774;
Best Local Similarity 60.4%; Pred. No. 6.3e-32;
Matches 61; Conservative 16; Mismatches 24; Indels 0; Gaps 0;

Qy 1 LRLVGPSPKPEGRLEVLHQGWGTVCCDNPFAIQEATVACRQLGFEEAALTWAHSKYGQ 60
Db 58 LRLAGOKRKHSRGEVYVDGQGTVCDDDFSIHAHVVCRELGVYVEAKSWTASSSYGK 117

Qy 61 EGPWLNDNVRVCVTGESSLDQCGSNGWGVSDCSHSEDVGVIC 101
Db 118 EGPWLNDNLHCTGNEATLAACTSNGWGVTDCKHTEVDGVVC 158

RESULT 8
US-09-782-980-16
; Sequence 16, Application US/09782980
; Patent No. US20020072089A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran M.
; APPLICANT: MacBeth, Kyle J.
; APPLICANT: Busfield, Samantha J.
; APPLICANT: McCarthy, Sean A.
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: Gu, Wei
; APPLICANT: White, David
; APPLICANT: Pan, Yang
; TITLE OF INVENTION: NOVEL ITALY, LOR-2, STRIFE, TRASH, BDSF, LRSG, AND
; TITLE OF INVENTION: SMST PROTEIN AND NUCLEIC ACID MOLECULES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: MNI-121CP
; CURRENT APPLICATION NUMBER: US/09/782,980
; CURRENT FILING DATE: 2001-02-13
; PRIOR APPLICATION NUMBER: PCT/US00/02125
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: 60/117,580
; PRIOR FILING DATE: 1999-01-27
; PRIOR APPLICATION NUMBER: 09/014,195
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/014,348
; PRIOR FILING DATE: 1998-01-27
; PRIOR APPLICATION NUMBER: 09/086,892
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 09/296,208
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 09/063,950
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 09/561,381
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 09/561,810
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 09/087,121
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: 09/672,721
; PRIOR FILING DATE: 2000-09-28
; PRIOR APPLICATION NUMBER: 09/049,799
; PRIOR FILING DATE: 1998-03-27
; NUMBER OF SEQ ID NOS: 176
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 774
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-782-980-16

Query Match      63.6%; Score 365; DB 10; Length 774;
Best Local Similarity 60.4%; Pred. No. 6.3e-32; Indels 0; Gaps 0;
Matches 61; Conservative 16; Mismatches 24;

QY 1 LRLVGPESKPEGRLEVLHQGQGTVCDDNFNFAIQEATVACRQLGFEAALTWAHSAKYQG 60
DB 58 LRLAGQRKRHSEGRVEVYDGGQGTVCDDDFSIHAAHVVCRELGYVEAKSWTASSSYGKG 117
QY 61 EGPILWLDNVRVCVTESLLDQCQSGNGWGVSDCSHSEDVGVC 101
DB 118 EGPILWLDNLHCTGNEATLAACTSNGMGVTDCKHTEDEVGVC 158

RESULT 9
US-09-909-743-7
; Sequence 7, Application US/09909743
; Patent No. US20020151007A1
; GENERAL INFORMATION:
; APPLICANT: Khodagoust, Mehran et al.
; TITLE OF INVENTION: METHODS OF USE OF A NOVEL LYSYL OXIDASE-RELATED
; TITLE OF INVENTION: PROTEIN
; FILE REFERENCE: MNI-073CP
; CURRENT APPLICATION NUMBER: US/09/909,743
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 774
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-743-7

Query Match      63.6%; Score 365; DB 10; Length 774;
Best Local Similarity 60.4%; Pred. No. 6.3e-32;
Matches 61; Conservative 16; Mismatches 24; Indels 0; Gaps 0;

QY 1 LRLVGPESKPEGRLEVLHQGQGTVCDDNFNFAIQEATVACRQLGFEAALTWAHSAKYQG 60
DB 58 LRLAGQRKRHSEGRVEVYDGGQGTVCDDDFSIHAAHVVCRELGYVEAKSWTASSSYGKG 117
QY 61 EGPILWLDNVRVCVTESLLDQCQSGNGWGVSDCSHSEDVGVC 101
DB 118 EGPILWLDNLHCTGNEATLAACTSNGMGVTDCKHTEDEVGVC 158

RESULT 10
US-09-948-820-51
; Sequence 51, Application US/09948820
; Publication No. US20030050460A1
; GENERAL INFORMATION:
; APPLICANT: Ni et al.
; TITLE OF INVENTION: 31 Human Secreted Proteins
; FILE REFERENCE: PZ034P1
; CURRENT APPLICATION NUMBER: US/09/948,820
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US/09/565,391
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: PCT/US99/26409
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/108,207
; PRIOR FILING DATE: 1998-11-12
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 641

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Db 45 RLAGFPKPYEGRVEIQRAGWGTCDDFTLQAAHILCRELGTEATGTHSAKYGPGT 104  
Qy 62 GPIWLDNVRVCVTSSLDQCGSNMGVSDCSHSDVGVC 101  
Db 105 GRIWLDNLSCSGTQSVTECASRGWNSDCTHDEDAGVIC 144

RESULT 12

US-09-835-996A-13  
; Sequence 13, Application US/09835996A  
; Patent No. US20020142953A1  
; GENERAL INFORMATION:  
; APPLICANT: Ballinger, Dennis  
; APPLICANT: Loeb, Debra  
; APPLICANT: Montgomery, Julie  
; APPLICANT: Tang, Y. Tom  
; APPLICANT: Zhou, Ping  
; APPLICANT: Goodrich, Ryle  
; APPLICANT: Liu, Chenghua  
; APPLICANT: Asundi, Vinod  
; APPLICANT: Zhao, Qing  
; APPLICANT: Wehrman, Tom  
; APPLICANT: Drmanac, Radoje  
; APPLICANT: Ren, Feiyan  
; APPLICANT: Qian, Xiahong  
; APPLICANT: Wang, Dunrui  
; TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM  
; CURRENT APPLICATION NUMBER: US/09/835,996A  
; FILE REFERENCE: 28110/35915A  
; CURRENT FILING DATE: 2001-04-16  
; PRIOR FILING DATE: US 60/197,137  
; PRIOR FILING DATE: 2000-04-14  
; PRIOR APPLICATION NUMBER: US 09/714,936  
; PRIOR FILING DATE: 2000-11-17  
; PRIOR APPLICATION NUMBER: US 09/667,298  
; PRIOR FILING DATE: 2000-09-22  
; PRIOR APPLICATION NUMBER: US 09/631,451  
; PRIOR FILING DATE: 2000-08-03  
; PRIOR APPLICATION NUMBER: US 09/598,042  
; PRIOR FILING DATE: 2000-06-20  
; NUMBER OF SEQ ID NOS: 45  
; SOFTWARE: PatentIn version 3.0  
; SEQ ID NO 13  
; LENGTH: 732  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: misc\_feature  
; LOCATION: (632)  
; OTHER INFORMATION: Xaa = unknown or other  
; NAME/KEY: misc\_feature  
; LOCATION: (672)  
; OTHER INFORMATION: Xaa = unknown or other  
; NAME/KEY: misc\_feature  
; LOCATION: (711)  
; OTHER INFORMATION: Xaa = unknown or other  
US-09-835-996A-13

Query Match 61.1%; Score 351; DB 10; Length 732;  
Best Local Similarity 59.0%; Pred. No. 2e-30;  
Matches 59; Conservative 12; Mismatches 29; Indels 0; Gaps 0;

Qy 2 RLAVGPSPKEGRLEVLHOGWGTVCCDNNFAIQEATVACROLGFEAALTWAHSAKYGGE 61  
Db 45 RLAGFPKPYEGRVEIQRAGWGTCDDFTLQAAHILCRELGTEATGTHSAKYGPGT 104  
Qy 62 GPIWLDNVRVCVTSSLDQCGSNMGVSDCSHSDVGVC 101  
Db 105 GRIWLDNLSCSGTQSVTECASRGWNSDCTHDEDAGVIC 144

RESULT 13

US-09-782-980-11  
; Sequence 11, Application US/09782980  
; Patent No. US20020072089A1  
; GENERAL INFORMATION:  
; APPLICANT: Khodadoust, Mehran M.  
; APPLICANT: MacBeth, Kyle J.  
; APPLICANT: Busfield, Samantha J.  
; APPLICANT: McCarthy, Sean A.  
; APPLICANT: Holtzman, Douglas A.  
; APPLICANT: Gu, Wei  
; APPLICANT: White, David  
; APPLICANT: Pan, Yang  
; TITLE OF INVENTION: NOVEL ITALY, LOR-2, STEIFE, TRASH, BDSF, LRSG, AND  
; TITLE OF INVENTION: STMT PROTEIN AND NUCLEIC ACID MOLECULES AND USES  
; TITLE OF INVENTION: THEREFOR  
; FILE REFERENCE: MNI-121CP  
; CURRENT APPLICATION NUMBER: US/09/782,980  
; CURRENT FILING DATE: 2001-02-13  
; PRIOR APPLICATION NUMBER: PCT/US00/02125  
; PRIOR FILING DATE: 2000-01-27  
; PRIOR APPLICATION NUMBER: 09/448,076  
; PRIOR FILING DATE: 1999-11-23  
; PRIOR APPLICATION NUMBER: 09/276,400  
; PRIOR FILING DATE: 1999-03-25  
; PRIOR APPLICATION NUMBER: 60/117,580  
; PRIOR FILING DATE: 1999-01-27  
; PRIOR APPLICATION NUMBER: 09/014,195  
; PRIOR FILING DATE: 1998-01-27  
; PRIOR APPLICATION NUMBER: 09/014,348  
; PRIOR FILING DATE: 1998-01-27  
; PRIOR APPLICATION NUMBER: 09/086,892  
; PRIOR FILING DATE: 1998-05-29  
; PRIOR APPLICATION NUMBER: 09/296,208  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 09/063,950  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 09/561,381  
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; PRIOR FILING DATE: 2000-04-28  
; PRIOR APPLICATION NUMBER: 09/087,121  
; PRIOR FILING DATE: 1998-05-29  
; PRIOR APPLICATION NUMBER: 09/672,721  
; PRIOR FILING DATE: 2000-09-28  
; PRIOR APPLICATION NUMBER: 09/049,799  
; PRIOR FILING DATE: 1998-03-27  
; NUMBER OF SEQ ID NOS: 176  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 11  
; LENGTH: 753  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-782-980-11

Query Match 61.1%; Score 351; DB 10; Length 753;  
Best Local Similarity 59.0%; Pred. No. 2.1e-30;  
Matches 59; Conservative 12; Mismatches 29; Indels 0; Gaps 0;

Qy 2 RLAVGPSPKEGRLEVLHOGWGTVCCDNNFAIQEATVACROLGFEAALTWAHSAKYGGE 61  
Db 45 RLAGFPKPYEGRVEIQRAGWGTCDDFTLQAAHILCRELGTEATGTHSAKYGPGT 104  
Qy 62 GPIWLDNVRVCVTSSLDQCGSNMGVSDCSHSDVGVC 101  
Db 105 GRIWLDNLSCSGTQSVTECASRGWNSDCTHDEDAGVIC 144

RESULT 14

US-09-835-996A-29  
; Sequence 29, Application US/09835996A  
; Patent No. US20020142953A1  
; GENERAL INFORMATION:  
; APPLICANT: Ballinger, Dennis

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Matches 59; Conservative 12; Mismatches 29; Indels 0; Gaps 0
QY      2 ELVGPSPEERGLVILHOGMGTCVDNFATQEATVACI QLGFEAALTWAISSAKYGGF 61
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DDB     45 RUAGFRPYEGRVEIQRAGEWGTCDDDFTLQAAILCL ELGFTTEATCWTHSAKYGGT 104
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QY      62 GPIWLDNVRVCVTESLSDCGSGNGWCVDCHSDEDGVIC 101
          |||||  |||||  |||||  |||||  |||||  |||||  |||||  |||||
DDB    105 GRIMLDNLSCTGEOSVTECASRGWGNISDCTHEDAGVIC 144
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Search completed: March 28, 2003, 12:30:16
Job time : 6.29826 secs

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1 APPLICANT: Locb, Debra  
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 14 TITLE OF INVENTION: MATERIALS AND METHODS RELATING TO LIPID METABOLISM  
 15 FILE REFERENCE: 28110/35915A  
 16 CURRENT APPLICATION NUMBER: US/09/835,996A  
 17 CURRENT FILING DATE: 2001-04-16  
 18 PRIOR APPLICATION NUMBER: US 60/197,137  
 19 PRIOR FILING DATE: 2000-04-14  
 20 PRIOR APPLICATION NUMBER: US 09/714,936  
 21 PRIOR FILING DATE: 2000-11-17  
 22 PRIOR APPLICATION NUMBER: US 09/667,298  
 23 PRIOR FILING DATE: 2000-09-22  
 24 PRIOR APPLICATION NUMBER: US 09/631,451  
 25 PRIOR FILING DATE: 2000-08-03  
 26 PRIOR APPLICATION NUMBER: US 09/598,042  
 27 PRIOR FILING DATE: 2000-06-20  
 28 NUMBER OF SEQ ID NOS: 45  
 29 SOFTWARE: PatentIn version 3.0  
 30 SEQ ID NO 29  
 31 LENGTH: 753  
 32 TYPE: PRT  
 33 ORGANISM: Homo sapiens  
 34 US-09-835-996A-29

Query Match 61.1%; Score 351; DB 10; Length 753;  
Best Local Similarity 59.0%; Pred. No. 2.1e-30;  
Matches 59; Conservative 12; Mismatches 29; Indels 0; Gaps 0;

QY 2 RLVGPSKPEEGLEVLHGOOWGTVCDDNFAIQEATVACRQLGFEAALTWASAKYQGQE 61  
DB 45 RLAFPRKPVEGRVEIORAGENETICDDDFTLQAAHLKRELGETATGWTSKAYGPQT 104  
QY 62 GPIWLNVRVCVTESLDCQSGNGWGVSDCSHSEDVGVIC 101  
DB 105 GRWLNLSCSGTEOSVTECASRGWGNSDCTHPDEDAGVIC 144

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RESULT 15
US-09-909-743-2
; Sequence 2, Application US/09909743
; Patent No. US20020151007A1
; GENERAL INFORMATION:
; APPLICANT: Khodadoust, Mehran et al.
; TITLE OF INVENTION: METHODS OF USE OF A NOVEL LYSYL OXIDASE-RELATED
; TITLE OF INVENTION: PROTEIN
; FILE REFERENCE: MNI-073CP
; CURRENT APPLICATION NUMBER: US/09/909,743
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/448,076
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/276,400
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 2
; LENGTH: 753
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-909-743-2

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Query Match 61.1%; Score 351; DB 10; Length 753;  
Best Local Similarity 59.0%; Pred. No. 2.le-30;